Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Friday 24 Dec 2021 until 23:59 on Saturday 25 Dec 2021

Forecast Issued on Thursday 23 Dec 2021 at 10:48

Confidence: High confidence for generally dry and settled conditions, although cold and windy at times, over the festive period but a lot of uncertainties towards the end of the period on how things will develop. Keep an eye on forecast updates for early next week.

Headline for Friday 24 Dec 2021: Mainly dry but cloudy and dull at times, light winds.

Mountain weather hazards on Friday 24 Dec 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
MIST	MIST						
Mist	Mist	Dull	Dull	Cloudy	Cloudy	Dull	Dull
Precipitation probability							
30%	30%	30%	30%	30%	20%	30%	30%

Forecast for Friday 24 Dec 2021

Weather: Cloudy overnight and some mist and fog developing in places, quite a murky night. Remaining cloudy during the daytime and quite a dull day in store. Some patchy drizzle is not out of the question in places. The best chance of any brightness is in the afternoon around northwestern fells.

Chance of cloud free mountain/hill tops above 800m: 30%, widespread low cloud in the morning, cloud lifting in the afternoon and brighter in the northwest.

Visibility: Extensive low cloud in the morning with bases between 3-500m, later in the day cloud bases will lift a little and become more broken or even scattered around Western Fells, some tops here will be clear from mid afternoon but still patches of low cloud above 500m. Cloud tending not to clear in the east. Below cloud bases it will be quite dull with just moderate visibility and poor in any mistiness in the morning.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Friday 24 Dec 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	17/21 W	11/14 SW	7/9 W	5/8 SE	11/16 E	18/26 E	27/38 E	30/42 E	31/44 E
600	14/19 W	9/13 SW	4/6 SE	4/6 SE	11/16 E	15/23 E	21/33 E	24/37 E	25/39 E
300	5/15 W	4/11 W	1/5 W	2/6 SE	7/14 E	9/20 E	13/28 E	15/31 E	15/32 E
Valley	5/14 W	2/7 W	4/7 NE	5/9 E	8/13 E	10/19 E	14/26 E	15/28 E	15/28 E

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	4/-1	3/-0	3/0	3/1	3/-2	1/-5	0/-8	-1/-9	-1/-10
600	5/2	5/2	4/3	5/3	4/0	3/-2	2/-4	1/-6	1/-6
300	7/5	7/6	6/5	6/5	6/4	5/2	4/-0	4/-1	3/-2
Valley	8/7	8/7	7/6	7/5	8/6	7/4	6/3	6/2	6/2
Freezing Level*	1400m	1400m	1300m	1300m	1300m	1300m	1100m	800m	700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cool out and about on Christmas Eve and the wind chill becoming quite severe later in the day as strong easterly winds develop and freezing levels fall.

Forecast for Saturday 25 Dec 2021

Weather: A few snow flurries are possible overnight but becoming mainly dry. Although it will be cloudy initially some brighter and clearer weather will develop on Christmas Morning especially for eastern Fells. Perhaps more cloud will return later in the afternoon. Although strong easterly winds will result in a significant wind chill out on Christmas walks.

Maximum wind: Easterly 20-25 mph with gusts 35-40mph.

Chance of cloud free mountain/hill tops above 800m: 50% improving to 90% during the day with most low cloud clearing away.

Visibility: Moderate visibility will improve to good or very good, with decent views by Christmas afternoon. Cloud bases will initially be shrouding the tops with scattered or broken layers of cloud above 500m, these will lift and clear during the morning.

Temperature: **Valleys:** Around 4 Celsius falling to zero in the evening.
At 800m: Minus 1 Celsius.
Freezing level: 800m falling to 200m

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Ground Conditions Supplement

Date: Thursday 23 December 2021. Location: Birkhouse Moor summit at 13:34 Full report: A relatively mild day with low cloud shrouding the hills for most of the day and intermittent light rain, and winds picking up in the afternoon. The ground at lower elevations which was partially frozen and icy yesterday has now thawed out, however, the remaining snow at higher elevations is proving quite resistant to the milder temperatures. The vast majority of the paths are snow-free and what snow is encountered can be easily avoided apart from a couple of small unavoidable patches towards the top of Striding Edge. Swirral edge can be done without setting foot on snow but this requires deliberately choosing to do so. Most of the remaining snow is generally to be found on steep north through east facing slopes above 750m where large patches and long ribbons are still present. The snow encountered today was softer than yesterday but still generally weight-bearing and even on moderately steep ground, required the use of crampons and an ice axe to move over safely. Some snow is in the forecast over high ground in the coming days so anyone heading out should be prepared for more snow than described here. Despite the summit temperatures being above freezing today, the windchill or 'feels-like' temperatures are generally below zero at this time of year. As such, full winter clothing (warm and waterproof), as well as hats and gloves, are all essential. A headtorch is also highly recommended in the event your outing takes longer than anticipated and you end up benighted. Temperature: Plus 6.4 C, Maximum wind speed 32.0 mph, Wind chill: Plus 0.6 C, Average wind speed: 23.0 mph

Issued at: 1048 on Thu 23 Dec 2021

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